AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions, and listings, of claims:

1. – 7. (Cancelled)

8. (Currently Amended) A method of performing packet-based communications in a wireless network, comprising:

establishing [[a]] an uplink connection over a wireless link between a mobile station and a radio access network system;

transmitting data in the uplink connection;

waiting a predetermined time delay period after end of data transmission on the uplink connection; and

starting a procedure to release the uplink connection after the predetermined delay period, wherein the waiting and starting acts are performed in the mobile station.

9. – 11. (Cancelled)

12. (Currently Amended) The method of claim 8, further comprising starting a timer to wait the predetermined time delay period.

13. (Currently Amended) The method of claim 8, wherein establishing the uplink connection comprises establishing an uplink temporary block flow in a General Packet Radio Service network, the method further comprising:

releasing the uplink temporary block flow in response to starting the procedure to release the uplink connection after the predetermined delay period.

14. (Currently Amended) A [[a]] mobile station for communication in a wireless network, comprising:

an interface to a wireless link;

a control module adapted to establish an uplink connection on the wireless link with a base station system; and

a delay element,

the control module adapted to further detect end of data transmission on the uplink connection and to wait a delay period provided by the delay element before starting a procedure to release the uplink connection.

15. (Previously Presented) The mobile station of claim 14, wherein the delay element comprises a timer.

16. (Previously Presented) The mobile station of claim 14, further comprising a radio link control/medium access control layer comprising the control module.

17. (Previously Presented) The mobile station of claim 14, wherein the control module is adapted to establish an uplink temporary block flow, the uplink connection comprising the uplink temporary block flow.

18. - 19. (Cancelled)

20. (Previously Presented) The mobile station of claim 14, further comprising a send buffer, the control module adapted to detect end of data transmission when the send buffer does not have data for transmission on the uplink connection.

21. (Previously Presented) The mobile station of claim 14, wherein the control module is adapted to start the procedure to release the uplink connection by sending an indication of the end of data transmission to the base station system.

22. (Previously Presented) The mobile station of claim 21, wherein the indication comprises a flag having a predetermined state in a data block.

23. (Previously Presented) The mobile station of claim 21, wherein the control module is adapted to further wait for an acknowledgment of the indication before releasing the uplink connection.

24. (Previously Presented) The mobile station of claim 14, wherein the control module is adapted to establish a General Packet Radio Service uplink temporary block flow, the uplink connection comprising the uplink temporary block flow.

25. – 28. (Cancelled)

29. (Currently Amended) An article comprising at least one storage medium containing instructions for performing packet-based communications in a wireless network, the instructions when executed causing a mobile station to:

establish [[a]] an uplink connection between the ~~first system~~ mobile station and a peer system over a wireless link; and

wait a predetermined time period at the end of data transmission in the uplink connection before providing an indication of the end of data transmission, wherein waiting the predetermined time period comprises starting a timer in the mobile station.

30. (Cancelled)

31. (Currently Amended) The article of claim [[25]] 29, wherein the instructions when executed cause the mobile station to establish the connection by establishing a temporary block flow.

32. (Cancelled)

33. (Currently Amended) The article of claim [[25]] 29, wherein the instructions when executed cause the mobile station to release the connection by releasing an uplink temporary block flow.

34. (Currently Amended) A mobile station, comprising:

means for establishing an uplink temporary block flow over a wireless link with a second system;

means for detecting an end of data transmission in the uplink temporary block flow;

means for waiting a predetermined time period before providing an indication of the end of data transmission; and

means for releasing the uplink temporary block flow after waiting the predetermined time period.

35. (Previously Presented) A data signal embodied in a carrier wave and comprising instructions that when executed cause a first system to:

detect end of data transmission over an uplink temporary block flow established on a wireless link;

start a delay period after detecting the end of data transmission; and

start a procedure to release the uplink temporary block flow after the delay period.

36. (Previously Presented) The mobile station of claim 34, further comprising:

means for receiving an acknowledgement of the indication,

wherein the releasing means releases the uplink temporary block flow in response to the acknowledgment.

37. (Currently Amended) The method of claim 8, wherein the uplink connection comprises an uplink logical connection, the method further comprising releasing [[an]] the uplink logical connection in response to starting the procedure after the predetermined delay period.

38. (Previously Presented) The method of claim 37, wherein releasing the uplink logical connection comprises releasing an uplink temporary block flow in response to starting the procedure after the predetermined delay period.